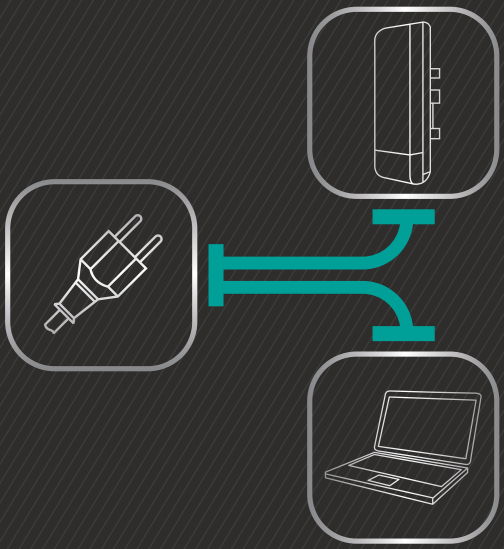
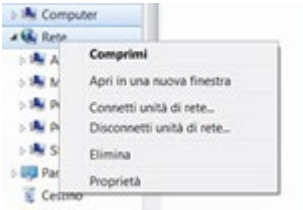
machpower®



INSTALLATION GUIDE

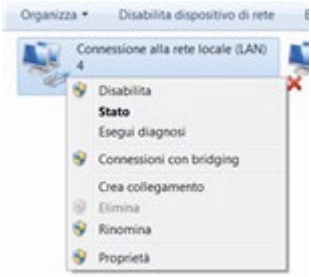
01

Open your **Network Connection**



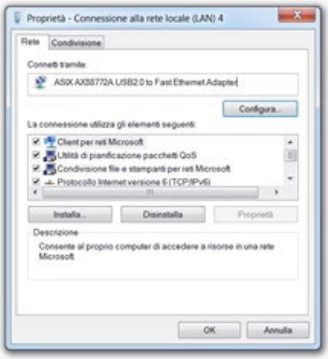
02

Open **Local Area Connection**, and choose **Propriety**



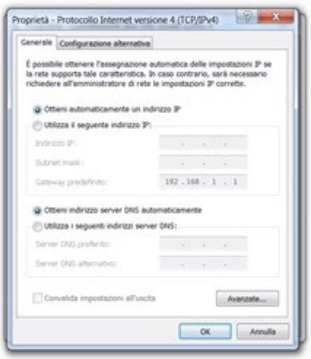
03

Double click **Intenet Protocol (TCP/IP) Properties**



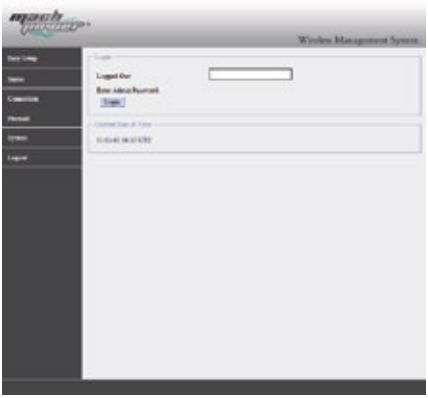
04

Set your IP to **Automatic Access**


Proprietà - Protocollo Internet versione 4 (TCP/IPv4)
Generale
Configurazione alternativa
È possibile ottenere l'assegnazione automatica delle impostazioni IP se la rete supporta tale caratteristica. In caso contrario, sarà necessario richiedere all'amministratore di rete le impostazioni IP corrette.
Ottieni automaticamente un indirizzo IP
Utilizza il seguente indirizzo IP:
Indirizzo IP:
Subnet mask:
Gateway predefinito:
192 . 168 . 1 . 1
Ottieni indirizzo server DNS automaticamente
Utilizza i seguenti indirizzi server DNS:
Server DNS preferito:
Server DNS alternativo:
Convalida impostazioni all'uscita
Avanzate...
OK
Annulla

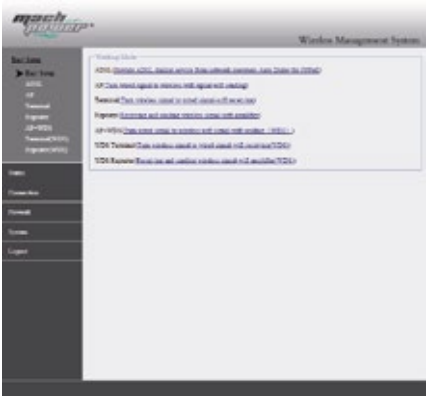
05

Open IE and enter **192.168.110.1**, the password is **password**



06

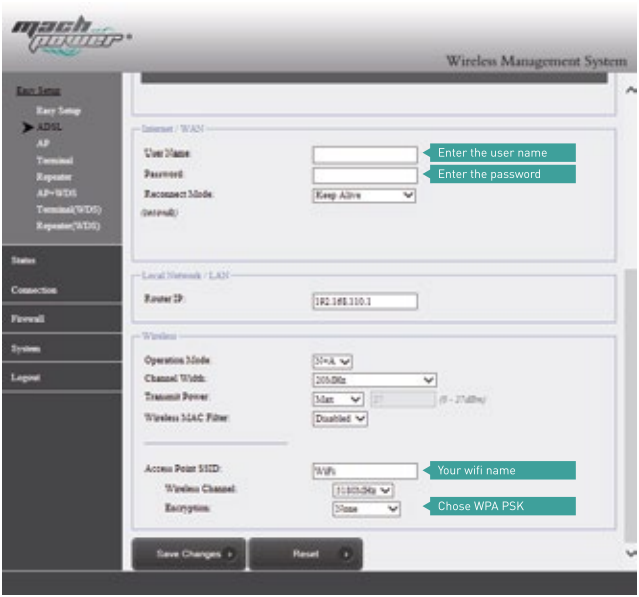
Get into the firmware and choose **Easy Setup** (Choose the Mode which you need)



ADSL Mode (Dialing)

Choose **ADSL**, enter the user name and password of your broadband, and set your own SSID, and set your ip to 192.168.110.1, and save change.

Note: the cable need be connected with WAN port in ADSL Mode



Step of setting up (refer to left picture)

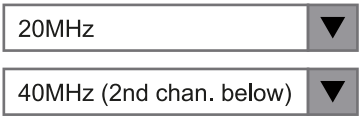
1. Write down ADSL and password

2. Set up IP address of Router (for example: 192.168.110.1)

3. Frequency setting (support 2.3 - 2.7G)

Note: in general, routers, mobile phone, labtop only cloud receive 2.4GHz channel

a. Firstly, choose **width of broadband**



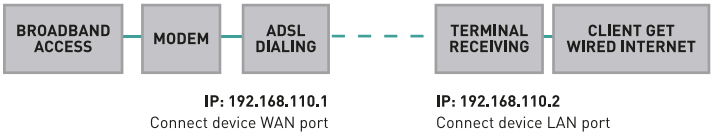
b. Secondly, choose the channel which you need in **wireless channel**

4. Write down the name of SSID (like: wifi, do not support Chinese SSID)

5. Choose encryption (like: choose WPA PSK, add wifi password)

6. Save and finish setting

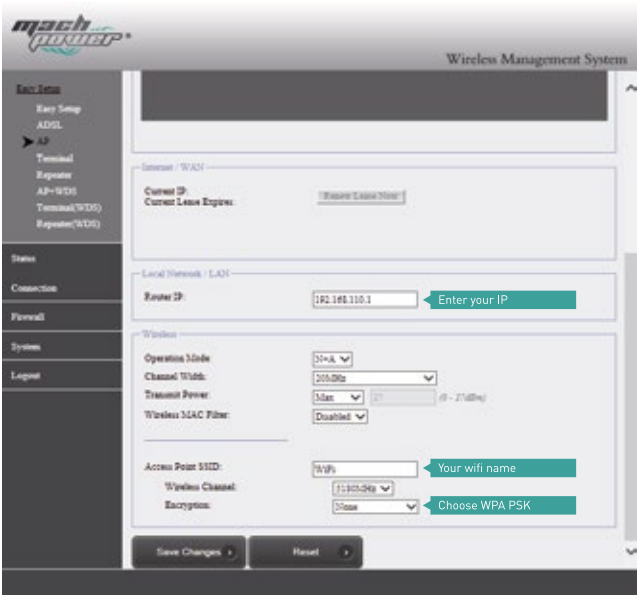
Environent setting



AP Mode (sending)

Choose **AP**, enter the user name and password of wifi, set your ip to 192.168.110.1, and save changes

Note: the cable need be connected with LAN port in AP Mode



Step of setting up (refer to left picture)

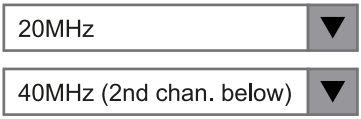
1. Write down ADSL and password

2. Set up IP address of Router (for example: 192.168.110.1)

3. Frequency setting (support 2.3 - 2.7G)

Note: in general, routers, mobile phone, labtop only cloud receive 2.4GHz channel

a. Firstly, choose **width of broadband**



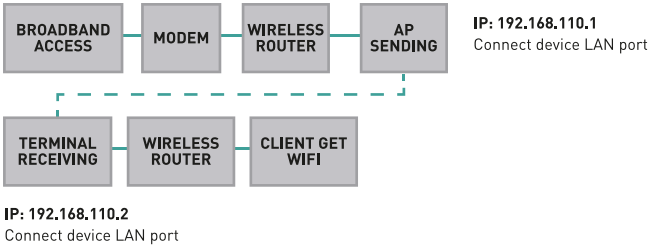
b. Secondly, choose the channel which you need in **wireless channel**

4. Write down the name of SSID (like: wifi, do not support Chinese SSID)

5. Choose encryption (like: choose WPA PSK, add wifi password)

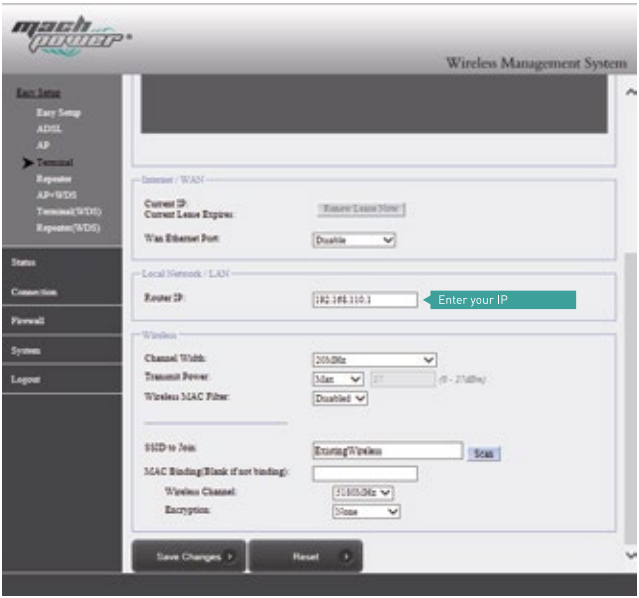
6. Save and finish setting

Environent setting



Terminal Mode

Choose **Terminal**, scan wifi name and enter in the password, and set your ip to 192.168.110.2, and save change
Note: the cable need be connected with LAN port in Terminal Mode



Step of setting up (refer to left picture)

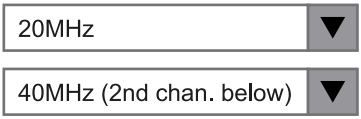
1. Write down ADSL and password

2. Set up IP address of Router (for example: 192.168.110.1)

3. Frequency setting (support 2.3 - 2.7G)

Note: in general, routers, mobile phone, labtop only cloud receive 2.4GHz channel

a. Firstly, choose **width of broadband**



b. Secondly, choose the channel which you need in **wireless channel**

4. Write down the name of SSID (like: wifi, do not support Chinese SSID)

5. Choose encryption (like: choose WPA PSK, add wifi password)

6. Save and finish setting

Environent setting

Note:

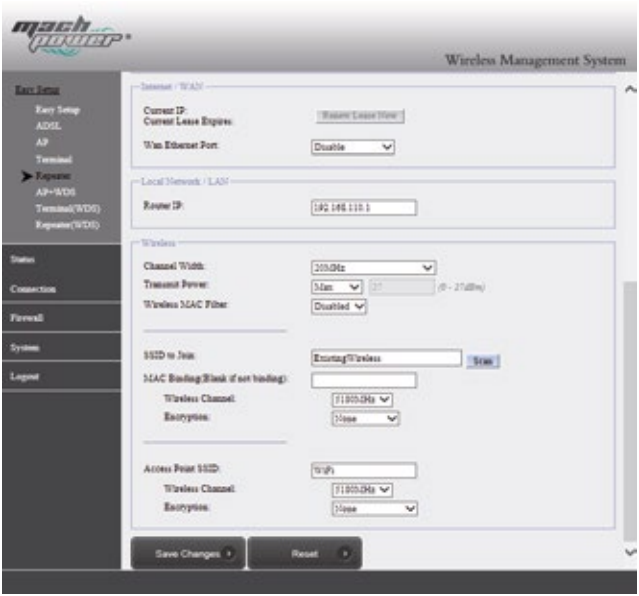
1: In the strenght of signal light on, could connect QQ but could not open the website, Please choose **connection** option at the left, DNS charge to **Google DNS Serve.**

2: When receiving CMCC, DNS change to **Operators provide default DNS serve**

Repeat Mode

Choose **Repeater**, scan wifi name and enter in the password, and set your ip to 192.168.110.2, and save change

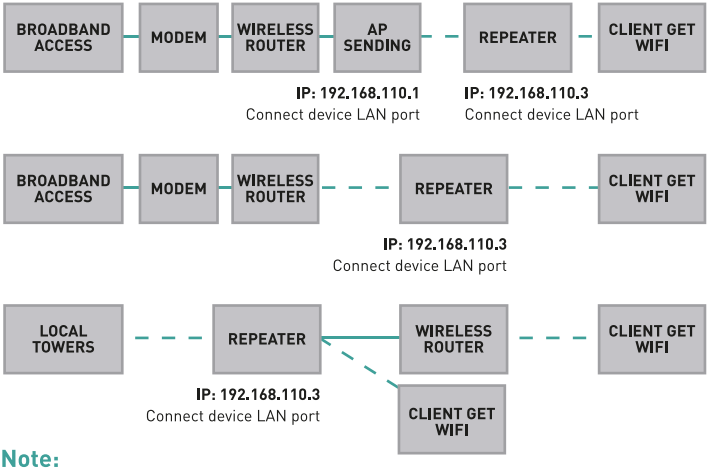
Note: the cable need be connected with LAN port in Repeater Mode



Step of setting up (refer to left picture)

1. Setting the router IP address (for example: 192.168.110.3)
2. Setting SSID, scan the available wifi signal
3. Enter the name of SSID wifi signal (For example: wifi)
4. Choose encryption (like: choose WPA PSK, add wifi password)
5. Save and finish setting

Environent setting



Note:

1. If the device signal indicator light is on, and its can connect to QQ but can't open the website, please click the left selection **connect**, DNS change to **Google DNS Servicer.**

1. When receiving CMCC, DNS should change to **Operators of DNS server by default.**

FAQ

1. How dose CPE get the power without power supply?
We use PoE power, CPE get the power via cable. User need use 2 cables to connect and setting (better use Super five types copper cable with shildeing net) PoE manual can refer to cover connecting pictures, but remember connect with LAN port (black port, not yellow one).

2. How long to PoE cable can be?
The lenght of cable depends on power voltage and cable quality, If you use 12V power, cable can be 10-20m. If use 24V power, cable can be over 20m. Cable must be super five types copper with shilding net (Better quality can be 50m).

3. How to reset CPE?
Get device power on, long press RESET button (about 7sec), device reboot.

4. How to solve the LAN can't get the address even the cable connect to the computer?
The cable must connect to the wireless bridge LAN port, if connect to WANthat will not get the IP address.

5. Why local area connection is on and off after installed device?
Detection method as below:
1.Try to change 1m cable, make sure it is not quality of cable problem
2. Try to change channels, avoid signal quality problem cause disturbance

6. Why the website blank and show the mistake that can't enter password?
You can try to change the IE version, recommend the Google Browser.

7. What's the mean of repeater?
Repeater mean when receive the signal, it will transfer the signal meanwhile output the wireless signal. As the function of the amplifier.